

State if Report has been sent on the Freeboard of the Vessel.....NO......

State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report May 7<sup>th</sup> 1953. Port of New York

N.Y.K.  
No. 52406.

Survey held at Quincy, Mass; Date First Survey June 20<sup>th</sup> 52 Last Survey May 6<sup>th</sup> 1953

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "ANDROS ISLAND" Mach: fitted aft.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections Prop. Bridge

TONNAGE under Tonnage Deck... 16,923.78 CLASS \*100A1 State if with freeboard as condition of Class No. Built at Quincy, Mass.  
Carrying Petroleum.

Do. of space or spaces between Tonnage Dk. and Upper Dk.	✓	Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)	L 615 91	Launched March 6 '92. Yard No. 1051.
			Builders Bethlehem Steel Co.	

Total 12.5 Depth, at middle of length from top of keel to top 44 *Rio Venturodo Combaria Ma*

Gross Tonnage	18,735.98	of beam at side of uppermost continuous deck. See Sec. 3 (1c)	D 44	Owners	1111 1222 3333 4444 5555 6666 7777 8888 9999
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Register Tonnage 11,652 1st Longitudinal Number (L × D) ..... = ..... Managers .....  
(Where necessary to be entered in Reg. Book.)

**REGISTERED DIMENSIONS.**  
FEET.

**Framing Depth "d,"** at middle of length. See }  
Sec. 3 (1d) }

Residence

Length <u>617.7</u>	Proportions—Depth to Length — Uppermost continuous deck to top of keel <u>14</u>	Port of Registry <u>Panama, P.R.</u>
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Breadth 84.4 Do. Long Bridge to top                      If surveyed while building, afloat, or in dry dock.....  
 of keel                     

Depth 44.3 Draught Moulded 33'-1 1/4" white building.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b> .....			<i>See report 1*</i>		
" " from $\frac{3}{5}$ length amidships to Collision bulkhead.....}					
" " in peaks .....	24				
<b>SIDE FRAMING.</b>					
Frame Amidships, Angle, [ or [ .....					
" " Extends up to.....					
Reversed Frame Amidships, Angle.....			<i>See report 1*</i>		
" " Extends up to.....					
Depth of Framing Girder.....					
Frames in Uppermost Continuous 'tween Decks, Angle [ or [ .....					
" " Second 'tween Decks, Angle, [ or [ .....					
" " Third " " " " " " .....					
" from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	9 4 21.3	FR			
" in Peaks, Angle <del>or</del> INV.....	8 4 17.2	AP			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	EW				
State if Frame Joggled .....	NO				
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	as approved				
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	as approved				
<b>SINGLE BOTTOM.</b>					
Floors, Depth and thickness at mid-line in Holds .....	-				
Height of Brackets at side above base line at toe of frame .....	-				
Middle Line Keelson, on Floors, Angles, [ or [ .....	90 .50	20"x1" face plate			
" " " Through Plate or Intercoastal Plate....					
" " " Foundation Plate on Floors .....					
" " " Flat Plate Keel Angles	EW				
Side Keelsons, No. each side .....					
" " thickness of Intercoastal Plate....					
" " Angles .....	24	FR 13-17			
	28	" 17-23			
	32	" 23-50			
<b>DOUBLE BOTTOM.</b>					
Solid Floors, thickness and spacing .....	50				
" " Are Frame and Reversed Frame joggled? .....					
Bracket Floors, breadth and thickness at middle line .....					
" " breadth and thickness at margin plate .....					
Bracket Floors, Frame .....					
" " Reversed Frame .....					
" " Vertical Struts .....					
Centre Girder, depth and thickness amidships	60 .63				
" " top Angles .....					
" " bottom Angles .....					
Side Girders, No. each side and thickness.....	4 .50				
Margin Plate depth (excl. of flange) and thickness .....					
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....					
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....					
" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem .....					
" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area .....					
Tank Side Brackets, height above base line at toe of Frame and thickness .....					
Machinery space					
<b>INNER BOTTOM PLATING.</b>					
Breadth and thickness of Middle Line Strake.....	.65				
Thickness of remainder in Holds .....					
Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? .....	as approved				
<b>BEAMS.</b>					
Uppermost Continuous Deck, amidships in Wells, Angle [ or [ .....					
" " in way of Bridge, Angle, [ or [ .....					
Spacing .....					
Second Deck, amidships, Angle, [ or [ .....					
Spacing .....					
Third Deck, amidships, Angle, [ or [ .....					
Spacing .....					
Fourth Deck, amidships, Angle, [ or [ .....					
Spacing .....					
Poop Deck, Angle, [ or [ INV.....	7 4 15.8				
Spacing 2'-0" to 2'-8"	6 4 12.3	afe			
Bridge Deck, Angle, [ or [ .....					
Spacing .....					
Forecastle Deck, Angle, [ or [ INV.....	7 4 13.6				
Spacing 2'-0" to 2'-8"					



PILLARS AND DECKS.							
	INCHES IN SHEET.		Any Departure from Approved Plans to be Noted.		INCHES IN SHEET.		Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	-			Stringer Plate, breadth and thickness in way of Bridge .....	-		
" "in 'tween Decks, Size and Spacing.....	-			Thickness of Plating abreast Deck openings in way of Wells .....	-		
" " " " "	-			Thickness of Plating abreast Deck openings in way of Bridge .....	-		
" "in Holds " "	-			Thickness of Plating within line of openings..	-		
" " "Long" " "	-			If Sheathed, material and thickness.....	-		
<b>Centre Line Bulkhead. 20'-0" off E</b> (7' x 5') heavy corrugations				<b>Third Deck.</b>	-		
Stiffeners and Spacing... 8" deep x .39"				Stringer Plate, breadth and thickness.....	-		
Plating, thickness of.....	.44			If Plated, state thickness.....	-		
				<b>Fourth Deck.</b>	-		
				Stringer Plate, breadth and thickness.....	-		
				If plated, state thickness.....	-		
<b>STRINGERS AND DECKS.</b>				<b>Poop Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....	66	.44	
Stringer Plate, breadth and thickness in Wells	80	1.21		Plating, Sheathing, material and thickness.....		.34	generally
" " " "in way of Bridge		1.42		<b>Bridge Deck.</b>	93	.50	
" Angle in Wells .....	8	8	1.25	Stringer Plate, breadth and thickness.....		.38	
Thickness of Plating abreast Deck openings in way of Wells .....		1.21		Plating, Sheathing, material and thickness.....			
Thickness of Plating abreast Deck openings in way of Bridge .....		-		<b>Forecastle Deck.</b>	42	.47	
Thickness of Plating within line of openings..		1.21		Stringer Plate, breadth and thickness.....		.31	.36
If Sheathed, material and thickness .....		-		Plating, Sheathing, material and thickness.....			"
<b>Second Deck.</b>							
Stringer Plate, breadth and thickness in Wells		.50					

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
						State if joggled?	Rivets.		No. of Rows of Rivets	Rivets.		STRAPPED OR LAPPED.
	AMIDSHIPS.	FORWARD.	AFT.				SINGLE OR DOUBLE.	Diam.		Spacing, cr. to cr.	Diam.	
	Breadth.	Thickness.	Thickness.	Thickness.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	55	1.17	1.17	1.17		All seams E.W. except where shown otherwise						
" DBLG. (if any)	-											
BOTTOM PLATING, No. of Strakes $H, K, L, M, N$		1.17	1.17	.80	} Increase c/o in way of stern frame E/F	6 3/4" D.R.	1 1/8"	4 1/4"				
BILGE PLATING, No. of Strakes $E, S$		1.17	.64	.80		6 3/4" D.R.	1 1/8"	4 1/4"	All butts E.W.			
SIDE PLATING, No. of Strakes $H, K, L, M, N$		.75	.64	.71		6" D.R.	1"	3 3/4"				
UPPER DECK, Sheer-strake in Wells $M$		1.25	.53	.53	L/M	6 3/4" D.R.	1 1/8"	4 1/4"				
UPPER DECK, Sheer-strake in Bridge		1.42										
STRAKE BELOW Sheer-strake in Wells $L$		1.04	.53	.53								
STRAKE BELOW Sheer-strake in Bridge $L$		1.04										
POOP SIDE PLATING .....				.47	} increased at breaks. M/N	2 1/2 SR	3/4	3 3/8	E.W. seam Fr. 14-15 to aft			
BRIDGE SIDE PLATING.....				.56		3 3/4 SR	1 1/8	4 1/4				
FORECASTLE SIDE PLATING				.50		2 1/2 SR	3/4	3 3/8				

Total No. of W.T. BULKHEADS in Vessel — <i>Frs. 50, 53, 57, 60, 64, 68, 72, 76</i> <i>78, 82, 86, 90, 94, 110.</i>		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Note
Extending to Upper Deck (Sec. 3 c) — <i>14</i>	<i>KEEL, Bar</i>				
" Deck next below <i>Frame 13-1</i> <i>(15BH)</i>	<i>STEM</i>				
As per Rule	<i>STERN</i>	Propeller Post .....			

Total No. of W.T. BULKHEADS in Vessel—		50, 53, 57, 60, 64, 68, 72, 76		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
Extending to Upper Deck (Sec. 3 c)		14					
Deck next below		Frame 13-1					
As per Rule							
		STIFFENERS.					
		VERTICAL.		HORIZONTAL.			
		Scantlings.		Spacing.		Scantlings.	
		Spacing.		Scantlings.		Spacing.	
MIDSHIP BULKH'D, Upper tween decks							
" " Second "							
" " Third "							
" " Hott's "							
COLLISION " (in Hold) "							
AFTER PEAK " "							

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Bethlehem Steel Co. open hearth process  
American Bureau, Class 'A', 'B' + 'C' materials  
Has the Steel been tested as required by the Rules? Sample testing only (see Mr Ferguson's memo to NYK 31)

[illegible]

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statury.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
5350	330	2 1/16	17 1/2	251	1295.3.22	1200	330	2 1/16	G.S. S.L.	Baldt A.C.T & Co.	Chesler, Pa. Nov. 5 <sup>th</sup> 1952 R.T.S. Kennedy.	TOWLINE  HAWSEERS & WARPS  "	142	2 1/4	127 1/2	140	7
														270	9 1/2	circ.	360
Iron Streaml Chain or Steel Wire	122	1 1/8		73.2			150	6				"	270	8"	"	360	8

Steering Gear, Type (Power or hand) Electric Hydraulic Alternative Means of Steering Spare pump.  
Hyde Windlass Co., Bath, Maine.  
 Steering Chains (Size and Test) ✓ Windlass Steam 4, steel lifeboats  
Hyde Windlass Co., Bath Boats 24' x 7'-9" (cap. 37 persons)  
 Ceiling in Holds, thickness and material ✓ Cargo Battens, thickness, material and spacing wood 2 3/4"  
15" clear space fore hold.  
 Cargo Hatchways.—(Upper Deck) Steel plates & sections E.W.  
dry cargo hold to cargo oil tanks.  
 Thickness of Hatches 9/16"  
 Size of Hatchways No. 1 (Fwd.) 14'-10" x 18" No. 2 4'-0" dia. No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓  
 Number of Shifting Beams 2  
 and/or Fore and Afters ✓

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. Yes.  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

*This ship has been built under special survey in conformity with the Society's Rules and regulations & Secretaries letters. The scantlings & arrangements of ship are as given in report & as shown on the approved plans now forwarded. No modifications or additions to the original approved arrangements have been made during construction.*

*The midship section, showing the ship "as built" now forwarded herewith have been checked with approved arrangements & found in order.*

*The material, workmanship & quality of welding examined during building & found to be satisfactory. All tanks have been tested to rule requirements & found satisfactory.*

*Oil used as fuel with flashpoint above 150°F. is carried in main bunkers fwd. of boiler room (port & star'd.) & fore deep tank (port & star'd.)*

*Steel plate over 1" in thickness is used in upper deck, bottom, bilge & topside shell plating and is of A.B. of S. class "C" material accepted by the Society*

The amount of Entry Fee ..... £ : : } Fees applied for,  
Special Survey Fee..... £ : : } .....19  
Travelling Expense, if any £ : : } Received by me, .....19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed **+ 100 A.I.**  
**carrying Petroleum in bulk.**

Signature **W. J. Sturges** **J. S. S.**  
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey. **N.Y.R.**  
Certificate to be sent to **N.Y.R.** Date of issue **3/7/53**

Committee's Minute **NEW YORK MAY 20 1953**

Character assigned **+100 A.I.**  
**Carrying Petroleum in Bulk**  
**Fitted for oil fuel 5.53 F.P. above 150°F**  
**+LMC 5.53**

note: long framing, cruiser stern,  
ble. welded except stringer angle  
and seams of deck and shell panels.  
mch. aft, D.F., E.S.D. GYC, Radar  
2 WTB. (SPE) 675 lbs. C.L.  
ble. light.

Lloyd's  
Founda



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following "as built" drawings enclosed:— Midship section QH 4514-11-2.

General arrangement QH 4517-11-1.

This vessel is a duplicate of S/S CHRYSSI New York report No. 52229.

Certificates enclosed:— Interim certificate of class

Rudder stock

Stern frame (2) [top, middle & lower]

PARTICULARS OF ELECTRIC WELDING (if employed) Electric welding employed throughout, (manual & union melt) except both flanges of stringer angle, four shell seams (port & starboard) and one deck seam (port & starboard) which are riveted.

Radiographs taken by builders at random junctures of shell & deck plate welds & workmanship found satisfactory.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Longitudinal framing (transverse at ends) cruiser stern, electric welded, except stringer angle & seams of deck & shell panels, radar, direction finder, gyro compass and echo sounder

Particulars of Drop Test of Cast Steel Anchors, viz:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower	16624 lbs.	R.K.	16333.	23 June 1952.
2nd "	16684 lbs.	R.K.	16334.	23 March 1952.
3rd "	16569 lbs.	R.K.	16335.	23 June 1952.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 123.7 ft., R.Q.D. ft., Bridge 34.6 ft., Forecastle 80.2 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 644.63 (Circ. 1703)

No. and Material of Decks one continuous steel deck 2<sup>nd</sup> deck forward.

Parts of Bottom of Vessel coated with cement or approved composition After peak, cement below stern tube.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

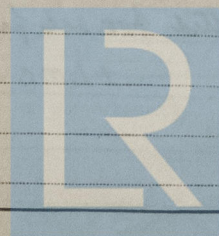
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Frame 17 - 27	24.67	40.9	Fore peak tank, Frame 110 - fore	-	503.66
Double bottom, under Engines and Boilers, fr. 32-49	45.22	207.2	After peak tank, Stern - fr. 13	-	200.66
Double bottom, if under Engines only, coff. 27-32	13.30	32.7	Deep tank, aft, Cofferdam fr. 52-3	3.0	206.12
Double bottom, if under Boilers only,			Deep tank, forward, fr. 91-110	44.0	1245.03
Double bottom, forward,			Other tanks, if fitted, Cofferdam fr. 90-91	3.0	236.66
Total length (if continuous) and Capacity	83.19	280.8	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

continuous during building.



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Lloyd's Register Foundation  
Total No. of Visits



Rpt. 1\*.

PARTICULARS OF LONGITUDINAL FRAMING.

13 JUN 1953

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.					
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads Inches.	Rivets in Brackets to Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Spang. Ins.		Number.	Diameter. Inches.	
Framing of <b>L, L or C</b> <i>INV.</i>													
Frames in Bridge 'tween Decks	7	4	15.8	FOR'D			Aft.						
Frames from Uppermost Continuous Deck No. 1	7	4	15.8	6	4	14.3	6 x 4 x 14.3						
" 2	7	4	15.8	6	4	14.3	6 x 4 x 14.3						
" 3	8	4	17.2	7	4	15.8	7 x 4 x 15.8						
" 4	8	4	17.2	7	4	15.8	7 x 4 x 15.8						
" 5	8	4	17.2	7	4	15.8	—						
" 6	10	3 1/2	19.75	8	4	17.2	8 x 4 x 17.2						
" 7	10	3 1/2	19.75	8	4	17.2	8 x 4 x 17.2						
" 8	10	3 1/2	19.75	8	4	19.6	10 x 3 1/2 x 19.75						
" 9	10	4	21.35	10	3 1/2	19.75	10 x 3 1/2 x 19.75						
" 10	10	4	21.35	10	3 1/2	19.75	—						
" 11	12	3 1/2	24.5	10	4	21.35	10 x 3 1/2 x 19.75						
" 12	12	3 1/2	24.5	10	4	21.35	10 x 4 x 21.35						
" 13	12	3 1/2	26.5	10	4	21.35	12 x 3 1/2 x 24.5						
" 14	13	4	27.25	12	3 1/2	24.5	12 x 3 1/2 x 24.5						
" 15	13	4	27.25	12	3 1/2	26.5	13 x 4 x 27.25						
" 16	15	4	30.7	13	4	27.5	13 x 4 x 27.25						
" 17	17	4	33.7	15	4	30.7	15 x 4 x 30.7						
Spacing of longitudinal Frames	Amidships 18-32	and	At Ends 30"	32" in way of bilge									
Double Bottoms	Tank Top Longitudinals												
<b>L or C</b>	Bottom												
Spacing of Longitudinals	Amidships												
	At Ends												
Transverses.													
Side (between Decks)	Depth and Thickness	24	38										
	Face Angles	Fl. 5"											
	Lugs to Shell*												
Side (in Hold)	Depth and Thickness	37/46	50										
	Face Angles	Fl. 6"											
	Lugs to Shell*	E.W.											
Bottom	Depth and Thickness	54/57	50										
	Face Angles	Fl. 6"											
	Lugs to Shell*	E.W.											
	" " Back Bars												
	Brackets	50 Fl. 6"											
	Spacing of Transverse Frames	10'-0"											
	* State if joggled or liners.												
Longitudinal Beams of	INK: L Bridge Deck	5	3 1/2	12.0									
	L Upper "	7	4	7/16									
	Second "												
	Third "												
	Spacing.							30"					
								30"					
	Transverse Beams.												
	Plate.												
	Face Angles.												
	Any Departure from Approved Plans to be Noted.												
	12x10x53 Cent L												
	36"x 50" Fl. 5"												

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.  
NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

44—PRINTED IN U.S.A.

Is the arrangement of valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one compartment to another. **Yes.**  
Is the Shaft Tunnel watertight. **—**  
Is it fitted with a watertight door. **—**

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